

## R71XN4150GYHOM

Aliases (71XN4150GYHOM)

R71H, Film, Metallized Polypropylene, Automotive Grade, 1.5 uF, 20%, 450 VDC, 85°C, 22.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |  |
|--------------------------|--|
| Series                   | R71H   |
| Dielectric               | Metallized Polypropylene                       |
| Style                    | Radial   |
| Features                 | PFC and Pulse                                  |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                    |
| Lead                     | Wire Leads                                     |
| Qualifications           | AEC-Q200                                       |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 3.6 g  |
| Miscellaneous            | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 1.5 uF                                   |
| Tolerance             | 20%                                      |
| Voltage DC            | 450 VDC                                  |
| Voltage AC            | 160 VAC                                  |
| Temperature Range     | -55/+125°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.1% 25C                                 |
| Insulation Resistance | 20 GOhms                                 |
| Max dV/dt             | 70 V/us                                  |
| ESR                   | 33.95 mOhms (100kHz)                     |
| Ripple Current        | 3.789 Amps (100kHz 85C), 105 Amps (Peak) |
| Inductance            | 16 nH                                    |

### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 16mm +0.1/-0.5mm   |
| T  | 7mm +0.2/-0.5mm    |
| S  | 22.5mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm    |
| F  | 0.8mm +/-0.05mm    |

### Packaging Specifications

|                    |     |
|--------------------|-----|
| Packaging          | T&R |
| Packaging Quantity | 250 |

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